

EcoRA Work Group Conference Call - June 1, 2000, 9 AM - 10:25 AM

Participants:

Tom Dahl, Dahl Associates
Harry Ohlendorf, CH2M Hill
Don Heinle, CH2M Hill
Merril Coomes, City of Coeur d'Alene
Fred Kirschner, Spokane Tribe
Brad Frazier, USFWS
Julie Campbell, USFWS
Bob Foley, USFWS
Anne Dailey, EPA
Joe Goulet, EPA
Dan Winstanley, CH2M Hill
Jeff Fromm, IDEQ
Lloyd Brewer, City of Spokane
Dana Houkal, URS
John Roland, Ecology

CSM5

- The draft CSM 5 summary was electronically distributed to the EcoRA workgroup prior to the teleconference and this call provides an opportunity to discuss it. The CSM5 document is an effort to complete the Current Status CSM (dated Nov. 1998) which did not include CSM 5. The CSM5 summary is provided in the same format as the Nov. 1998 document. The EcoRA and FS analysis has become more precise than some of the tables and charts in the summary as the project has evolved so some figures have limited relevance to the project now.
- There will also be an RI section on loading (this is made clear in the overall draft tech memo for the Conceptual Site Model Summary which has not been distributed).

>> Comments on the CSM5 summary included:

- need to include references or citations
- pg. 85 - need to include more emphasis on the contributions from the city of Spokane which is a substantial urban area
- include dissolution of sediments from Hangman Creek in the up front summary (Hangman Creek adds sediment that is not metal-contaminated)
- pg. 80 - 80% mortality seems like is high but there is not really a data base for comparison; the 10% mortality noted is due to fishing is from fish tags that have been turned in
- large-scale sucker is a surrogate for white sturgeon in the Spokane River riverine habitat and this needs to be included in the lacustrine habitat

- discussion regarding bull trout as a receptor in CSM5:
 - Spokane River is not identified as bull trout habitat by the state of Washington
 - Lake Coeur d'Alene has been identified as a "pass-through" habitat for bull trout since there have been reported citations in the CDAR and St. Joe River; Bull trout have been caught in the Lateral Lakes area, NFCDAR, and in St. Joe River
 - Similarly bull trout have been reported in Lake Roosevelt and therefore there is some potential that the Spokane River is a pass-through habitat for bull trout
- Discussion of the statement on page 85 regarding decreasing lead and zinc concentration in from upstream to downstream Spokane River; Merrill Coomes asked about the data supporting this statement and Dailey agreed to send him available information from Spokane River sampling that the USGS and URS conducted for EPA as part of the RI/FS investigation (done 6/1/00)
- Dana Houkal noted that the following USGS web site address also has Spokane River data: <http://Idaho.usgs.gov/projects/spokane/index.html>

CSM diagrams - the pathways in CSM5 are at "low" importance because the relative importance is measured relative to the entire CDAR basin and pathways in the upper basin areas are generally more significant because the contamination levels are higher

- Segments 1 and 2 - arrow that goes from Humans --> See Tables will be removed from CSM process model; the "See Tables" box refers to the receptor tables
- Wind blown pathway has not been included in CSM5 because it did not seem to be important especially relative to the upper basin. Fred Kirschner noted, however, that at low water levels exposed beaches can be a source of wind blown soil - this is primarily due to the Lake Roosevelt draw down

Sources/Management Options table-

- table was generated at workshops and intended for use in the Feasibility Study
- media types included were generated by FS needs
- therefore the "submerged sediments of Lake CDA" is not divided into sediments in the basin
- table is attempting to portray the sources and transport mechanisms but the FS team has moved beyond this

Julie Campbell noted that the preliminary process model diagram for Segment 3 needs to have palustrine receptors added - should be Riparian/Palustrine

- "Contact, Ingestion" arrow should also go to Riparian/Palustrine soil invertebrates and wildlife
- Palustrine will also be added to table on page 97 of "Source Contribution, Current Ecological Status, and Goals"

- Will add CSM5 to the agenda for the EcoRA conference call on 6/22 (see below)

since some folks did not have time to look at the document prior to the conference call

Update of EcoRA schedule:

- The EcoRA schedule has slipped a bit more due to challenges the TDM database. This database is needed to run the eco-risk calculations so before the calculations can be run with certainty the database needed to be as robust as possible.

- The EcoRA review schedule is as follows:

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| 8/31/00 | draft EcoRA mailed to EcoRA work group for review
document will be distributed on CD-Rom with hard copies
provided to specific individuals who have requested hard copies
(Frank Frutchev and Dolly Hartman so far); the CD-Rom version
and hard copy version will be placed in the repositories |
| 9/27-28/00 | EcoRA work group workshop in CDA regarding draft EcoRA
document |
| 10/6/00 | Written comments on EcoRA due to EPA |

- Dailey will be working to set up the EcoRA work group meetings - look for more details regarding this soon.

Next Teleconference

>>>NOTE CHANGE IN DATE OF ECORA CONFERENCE CALL:

- Next EcoRA call will be on **June 22, 2000 at 9 AM PST (call-in number is 206-553-4557; no pass code required)**
- topics of discussion will include:
 - CSM5
 - status of the EcoRA
 - other topics as appropriate